

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052798

A. CLASSIFICATION OF SUBJECT MATTER
 IPC 7 H04N7/173 G09B5/00

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 H04N G11B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01/18658 A (HOTV INC) 15 March 2001 (2001-03-15) page 10 page 11 page 13 figure 5b	1-14
X	US 2002/092032 A1 (KIM YEONG-TAEG) 11 July 2002 (2002-07-11)	1, 9
A	the whole document	2-8, 10-14
X	EP 1 324 610 A (HUMAX CO., LTD) 2 July 2003 (2003-07-02)	1, 9
A	abstract	2-8, 10-14
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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"P" document published prior to the International filing date but later than the priority date claimed

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Date of the actual completion of the International search

6 April 2005

Date of mailing of the international search report

15/04/2005

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 11, 6 November 2002 (2002-11-06) & JP 2002 209202 A (DAINIPPON PRINTING CO LTD), 26 July 2002 (2002-07-26) abstract	1-14
A	EP 1 239 619 A (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) 11 September 2002 (2002-09-11) the whole document	1-14
X	US 6 298 129 B1 (CULVER TIMOTHY L ET AL) 2 October 2001 (2001-10-02)	1,9
A	column 6, line 7 - line 25	2-8, 10-14
A	WO 99/17235 A (AT & T CORP) 8 April 1999 (1999-04-08) the whole document	1-14
A	US 2003/022622 A1 (WEINBLATT LEE S ET AL) 30 January 2003 (2003-01-30) paragraph '0014!	1-14
A	US 5 508 731 A (KOHORN ET AL) 16 April 1996 (1996-04-16) the whole document	1,4,5,9, 12
A	PATENT ABSTRACTS OF JAPAN vol. 2002, no. 09, 4 September 2002 (2002-09-04) & JP 2002 135809 A (STAR ALPHA KK), 10 May 2002 (2002-05-10) abstract	1,4,5,12

INTERNATIONAL SEARCH REPORT

PCT/IB2004/052798

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0118658	A	15-03-2001	AU 7757900 A WO 0118658 A1	10-04-2001 15-03-2001
US 2002092032	A1	11-07-2002	NONE	
EP 1324610	A	02-07-2003	KR 2003053192 A CN 1429023 A EP 1324610 A2 JP 2003299047 A US 2003118322 A1	28-06-2003 09-07-2003 02-07-2003 17-10-2003 26-06-2003
JP 2002209202	A	26-07-2002	NONE	
EP 1239619	A	11-09-2002	JP 2002335519 A CN 1374805 A EP 1239619 A2 US 2002129371 A1	22-11-2002 16-10-2002 11-09-2002 12-09-2002
US 6298129	B1	02-10-2001	NONE	
WO 9917235	A	08-04-1999	CA 2271745 A1 JP 2001511991 T WO 9917235 A1	08-04-1999 14-08-2001 08-04-1999
US 2003022622	A1	30-01-2003	JP 2003274387 A	26-09-2003
US 5508731	A	16-04-1996	US 5283734 A US 4926255 A US 4745468 A AU 6137794 A EP 0686334 A1 US 2001003099 A1 WO 9419906 A1 US 2003003990 A1 US 5759101 A US 5697844 A US 5916024 A US 5713795 A US 5227874 A US 5057915 A US 5128752 A US 5034807 A US 4876592 A	01-02-1994 15-05-1990 17-05-1988 14-09-1994 13-12-1995 07-06-2001 01-09-1994 02-01-2003 02-06-1998 16-12-1997 29-06-1999 03-02-1998 13-07-1993 15-10-1991 07-07-1992 23-07-1991 24-10-1989
JP 2002135809	A	10-05-2002	NONE	